

# Three Phase Four Wire Multi-tariff Electronic Meter

This three-phase, four-wire multi-tariff electronic meter supports both import and export metering. It can record various events and the meter can be read during power outages.



## Overview

### Advanced Three-Phase Metering

The DTSF217 (T9-1) is a robust three-phase, four-wire electronic energy meter engineered for precision and versatility. It supports both import and export metering with advanced Time-of-Use (TOU) or step tariff functions, making it ideal for modern energy management. Designed for reliability, the unit features comprehensive event logging and data freezing capabilities, ensuring data integrity even during power outages.

## Technical Specifications

### Accuracy Class

Active: 0.2S/0.5S/Class 1 • Reactive: Class 2

### Voltage & Frequency

- Reference Voltage: 3x57.7V/100V; 3x220V/380V
- Reference Frequency: 50/60Hz

### Current Ratings

Connection Type	Current Range
Transformer	1.5(6)A, 5(6)A, 5(10)A
Direct	10(40)A, 10(60)A, 20(80)A, 10(100)A

### Standards Compliance

IEC62052-11, IEC62053-21, IEC62053-22, IEC62053-23

## Operating Environment

### Operating Temperature

**-25 °C**

Normal Min

**60 °C**

Normal Max

### Voltage Operation Range

0.8Un to 1.2Un (Limited: 0.7Un to 1.3Un)

## Features

### Communication Interfaces

- Far infrared interface
- RS485
- Protocol: DL/T 645-2007

### Data Freezing Options

Daily, Hourly, Occasional, Immediate

## Physical Properties

Dimensions (LxWxH)	290mm x 170mm x 85mm
Net Weight	2.8 kg
Design Life	15 years